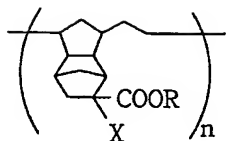


What is claimed is:

1. A dual-mode display system for 2D and 3D viewing comprising:

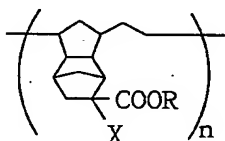
a display device; and

5 a parallax barrier having a second polarizer, a second substrate, a liquid crystal layer, a first polarizer and a first substrate, characterized in that the second polarizer, the second substrate, the liquid crystal layer, the first polarizer and the first substrate are disposed on the display device in sequence.
- 10 2. The dual-mode display system for 2D and 3D viewing according to claim 1, wherein the display device has a display pixel and the distance between the first polarizer and the display pixel is less than 0.8 mm.
3. The dual-mode display system for 2D and 3D viewing
15 according to claim 1, wherein the first polarizer is disposed on the first substrate by means of printing mode.
4. The dual-mode display system for 2D and 3D viewing according to claim 1, wherein the second substrate is replaced with a plastic substrate being less than 0.2 mm in thickness.
- 20 5. The dual-mode display system for 2D and 3D viewing according to claim 4, wherein the plastic substrate is made of Polyester (PES), Polyethylene Terephthalate (PET) and Artone, and the chemical formula of the Artone is as follows:



6. The dual-mode display system for 2D and 3D viewing according to claim 1, wherein the parallax barrier has an outside surface, the first polarizer is removed and disposed on the outside surface of the parallax barrier, and at least one of the first substrate and the second substrate is replaced with a plastic substrate.

7. The dual-mode display system for 2D and 3D viewing according to claim 6, wherein the plastic substrate is made of one of Polyester (PES), Polyethylene Terephthalate (PET) and Artone, and the chemical formula of the Artone is as follows:



8. The dual-mode display system for 2D and 3D viewing according to claim 1, wherein the display device is a liquid crystal panel having a backlight module.

9. The dual-mode display system for 2D and 3D viewing according to claim 8, wherein the liquid crystal panel has a fourth polarizer and the function of the second polarizer is replaced with the function of the fourth polarizer of the liquid

crystal panel, such that the second polarizer can be removed.

10. A dual-mode display system for 2D and 3D viewing comprising:

a back light module;

- 5 a parallax barrier having a first polarizer, a first substrate, a liquid crystal layer and a second substrate which are disposed on back light module in sequence; and

- 10 a liquid crystal panel having a third polarizer, a third substrate, a liquid crystal layer, a fourth substrate and a fourth polarizer, characterized in that the third polarizer, the third substrate, the liquid crystal layer, the fourth substrate and the fourth polarizer are disposed on the parallax barrier in sequence.

11. The dual-mode display system for 2D and 3D viewing according to claim 10, wherein the third polarizer is disposed
15 on the third substrate by means of a printing mode.

12. The dual-mode display system for 2D and 3D viewing according to claim 10, wherein the liquid crystal panel having the third polarizer, the third substrate, the liquid crystal layer, the fourth polarizer and the fourth substrate, which are disposed
20 on the parallax barrier in sequence.

13. The dual-mode display system for 2D and 3D viewing according to claim 12, wherein the fourth polarizer is disposed on the fourth substrate via printing.